

APPARATUS AND METHOD FOR SYNCHRONIZATION
OF TRACE STREAMS FROM MULTIPLE PROCESSORS

Abstract of the Invention

1 In order to synchronize the testing of a plurality of
2 target processors, a global synchronization signal is
3 applied to the simultaneously to the trace generation
4 apparatus of each of the target processors. The trace
5 generation apparatus generates a global sync marker that is
6 included in at least one of the trace streams of each
7 target processor. The sync marker relates the occurrence
8 of the global synchronization signal to system clock and to
9 the program execution of the target processor issuing the
10 global sync marker. In this manner, the relationship
11 between the operations of each of a plurality of target
12 processors can be reconstructed by the host processing
13 unit.